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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,105	09/10/2003	Michel Louis Francis Grech	6-4	4332

7590 06/15/2005  
Lucent Technologies Inc.  
Docket Administrator (Room 3J-219)  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

EXAMINER

ADDY, ANTHONY S

ART UNIT PAPER NUMBER

2681

DATE MAILED: 06/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/659,105

Applicant(s)

GRECH ET AL.

Examiner

Anthony S. Addy

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some.\* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>09/10/2003</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-4 and 6-9 are rejected under 35 U.S.C. 102(e) as being anticipated by **Osmo, U.S. Publication Number 2003/0157942 A1 (hereinafter Osmo)**.

Regarding claims 1 and 6, Osmo teaches a method of providing an automated information services from an Application Programming Interface (API) application to a mobile user terminal (see paragraph 0079, lines 1-13 and paragraph 0055, lines 1-9) and a telecommunications system for mobile telecommunications comprising a home network of a mobile user terminal and another network into which the user terminal has roamed (see paragraph 0034, lines 1-4 and Figures 1 & 2; where a home wireless cellular network 2 and a visited wireless cellular network 3 are shown), each network comprising an automated information service providing-means (see paragraph 0039, lines 1-20 and Fig. 2; where a home location server 26 in home wireless cellular network 2 and a roaming location server 28 in visited wireless cellular network 3 for providing information services to a mobile subscriber are shown), an automated information service providing-means in the network into which the mobile user terminal

has roamed acting as a proxy for an automated information service providing-means in the home network so as to be operative to provide an automated information service to a mobile user terminal (see paragraph 0039, lines 1-20, paragraph 0066, line 1 through paragraph 0069, line 8 and paragraph 0079, lines 1-11), the automated information service being provided from an Application Programming Interface (API) application (see paragraph 0049, lines 4-6, paragraph 0055, lines 1-9, paragraph 0071, lines 1-3 and paragraph 0060, line 1 through paragraph 0062, line 4).

Regarding claims 2 and 7, Osmo teaches all the limitations of claims 1 and 6. In addition, Osmo teaches a telecommunications system in which the automated information service providing-means in the network into which the mobile user terminal has roamed is operative to communicate with the automated information service providing-means of the home network to obtain authorization for the provision of the service (see paragraph 0066, line 1 through paragraph 0069, line 8 [i.e. Osmo inherently teaches the roaming location server communicates with the home location server to obtain authorization, since Osmo teaches the roaming location server identifies the geographical information of the mobile station corresponding to the cell identity and sends the geographical information to the home location server]).

Regarding claims 3 and 8, Osmo teaches all the limitations of claims 1 and 6. In addition, Osmo teaches a telecommunications system in which the service-providing means in each network comprises identification means for identification of the validity of automated information service requests and a server for providing the automated information (see paragraph 0066, line 1 through paragraph 0069, line 8).

Regarding claims 4 and 9, Osmo teaches all the limitations of claims 3 and 8. In addition, Osmo teaches a telecommunications system in which the identification means of said another network being operative to communicate with the identification means of said home network to determine whether a service can be provided, and the server of said another network being operative to communicate with the server of the home network to determine to what extent a requested service can be provided (see paragraph 0066, line 1 through paragraph 0069, line 8).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Osmo, U.S. Publication Number 2003/0157942 A1 (hereinafter Osmo)** as applied to claims 3 and 8 above, and further in view of **Gourraud, U.S. Publication Number 2002/0026473 A1 (hereinafter Gourraud)**.

Regarding claims 5 and 10, Osmo teaches all the limitations of claim 3 and 8. Osmo further teaches the use of an application programming interface to enable a mobile station request services (see paragraph 0055, lines 1-9).

Osmo, however, fails to explicitly teach the Application Programming Interface (API) application is an Open Service Access (OSA) application, the identification means

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of the each network is a respective OSA framework, and the servers are OSA Service Capability Servers each providing Service Capability Features.

Gourraud, however, teaches a method of providing telecommunications services from an Application Programming Interface (API), wherein the API-based applications is an Open Service Access (OSA) application and the API-based application interacts with an API framework to authenticate itself with the framework to provide service (see paragraph 0050, lines 1-8, paragraph 0055, lines 1-13 and Fig. 4). Gourraud further teaches the home and visited call servers (see Fig. 4; 304, 306, 406 and 408) are OSA Service Capability Servers (see paragraph 0075, lines 1-7). One of ordinary skill in the art further recognizes that the use of an Open Service Access (OSA) based application to provide communication services is well known in the art.

It would therefore have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Gourraud to the method and system of Osmo, wherein the Application Programming Interface (API) application is an Open Service Access (OSA) application, the identification means of the each network is a respective OSA framework, and the servers are OSA Service Capability Servers each providing Service Capability Features to provide a service interaction management between network entities and applications in response to triggers during calls as taught by Gourraud (see paragraph 0040, lines 1-15).

**Conclusion**

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Gourraud, U.S. Publication Number 2002/0154755 A1 discloses communication method and system including internal and external application-programming interfaces.

Nykanen et al., U.S. Patent Number 6,594,483 discloses system and method for location based web services.

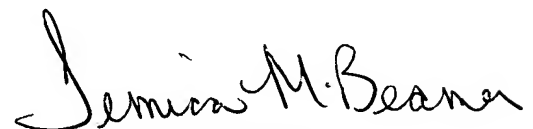
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony S. Addy whose telephone number is 571-272-7795. The examiner can normally be reached on Mon-Thur 8:00am-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph H. Feild can be reached on 571-272-4090. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Anthony S. Addy  
June 13, 2005



TEMICA BEAMER  
PRIMARY EXAMINER